

Cumulative contents of Volume 62

Volume 62, No. 1, October 1997

Papers

J.-Y. Tournet Normality of a non-linear transformation of AR parameters: Application to reflection and cepstrum coefficients	1
M.G. Strintzis Optimal construction of filter banks for subband coding of quantised signals	15
J. Crespo, R.W. Schafer and J. Serra The flat zone approach: A general low-level region merging segmentation method	37
S. Bhattacharya, N.C. Ray and S. Sinha 2-D signal modelling and reconstruction using third-order cumulants	61
D.-S. Han VLSI architectures for CFAR detectors based on order statistics	73
A.A. Atici and F.T. Yarman-Vural A heuristic algorithm for optical character recognition of Arabic script	87
A. Alkulaibi and J.J. Soraghan Hybrid higher-order cepstrum and functional link network-based blind equaliser (HOCFLN)	101
J. Bae, I. Song, H. Morikawa and T. Aoyama Erratum to "Nonparametric detection of known signals based on ranks in multiplicative noise", Signal Processing 60 (2) 255-261	111
Thesis alerts	113
Announcements and calls for papers	117

Volume 62, No. 2, October 1997

Papers

T. Wigren Avoiding ill-convergence of finite dimensional blind adaptation schemes excited by discrete symbol sequences	121
H.-L. Nguyen Thi, S. Van Gerven, C. Jutten and D. Van Compernelle Stability study for source separation in convolutive mixtures of two sources	163
P.K. Sadasivan and D. Narayana Dutt Development of Newton-type adaptive algorithm for minimization of EOG artefacts from noisy EEG signals	173
H.H. Yang and Y. Hua On performance of cross-relation method for blind-channel identification	187
K.-L. Chung and Y.-K. Lin A novel memory-efficient Huffman decoding algorithm and its implementation	207
W. NaNacara and E.E. Yaz Recursive estimator for linear and nonlinear systems with uncertain observations	215
N. Chatterjee, P. Pal and J. Das Boundary extraction of sodar images	229
M. Agrawal, S. Prasad and S.C. Dutta Roy Improved FIR filters for discrimination of damped sinusoids	237

Fast communications

J.I. Acha and R. Martín-Clemente Design of log FIR filters	243
P. Händel and P. Tichavský Asymptotic noise gain of polynomial predictors	247
J. Feng and W.-S. Gan A broadband self-tuning active noise equaliser	251
J. Bae, I. Song and H.-M. Kim On rank-based nonparametric detection of composite signals in purely-additive noise	257

Volume 62, No. 3, November 1997**Papers**

J.-P. Antoine, D. Barache, R.M. Cesar Jr. and L. da Fontoura Costa Shape characterization with the wavelet transform	265
L. Torres and J.R. Casas Stochastic vector quantization of images	291
G. Sebastiani and S. Stramaglia A Bayesian approach for the median filter in image processing	303
Z.-S. Liu, J. Li and P. Stoica RELAX-based estimation of damped sinusoidal signal parameters	311
B.-E. Jun and D.-J. Park Performance analysis of sign-sign algorithm for transversal adaptive filters	323
A. Herique Optimal windows for step frequency radar	335
C.-K. Chen A method for synthesizing multiplierless FIR digital filters with narrow transformation widths	351

Fast communication

S. Kasaei, M. Deriche and B. Boashash An efficient quantization technique for wavelet coefficients of fingerprint images	361
Thesis alert	367
Author index of Volume 62	369
Cumulative contents of Volume 62	371

